Index of Claims

| Appl | icatio | n/Control | No. |
|------|--------|-----------|-----|
|------|--------|-----------|-----|

09/758,434

Examiner

Madeleine AV Nguyen

Applicant(s)/Patent under Reexamination

TAMAGAWA, KIYOMI Art Unit

2625

| √  | Rejected |
|----|----------|
| II | Allowed  |

| 1 | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
|   | Interference |

| A | Appeal   |  |
|---|----------|--|
| 0 | Objected |  |

| Cla  | Claim Date |          |          |          |                 |          | Claim Date |  |          |          |       |  | CI       | Date          |         |          |                 |               |              |   |                |       |            |          |           |          |   |           |           |          |          |          |
|--|------------|----------|----------|----------|-----------------|----------|------------|--|----------|----------|-------|--|----------|---------------|---------|----------|-----------------|---------------|--------------|---|----------------|-------|------------|----------|-----------|----------|---|-----------|-----------|----------|----------|----------|
|  | <u> </u>   | 9        |          |          |                 |          |            |  |          | Г        |       |  | <u> </u> | П             |         |          |                 |               |              |   |                |       |            |          |           |          | Ī   |           | ĺ         |          | $\Box$   | ٦        |
| Final  | Original   | 3/28/06  |          |          |                 |          |            | ļ  |          |          |       | Final  | Original |               |         | İ        |                 |               |              |   |                | Final | Original   |          |           |          |   |           |           |          |          |          |
| L L  | ő          | 3/2      |          |          |                 |          |            |  |          |          |       | Į II   | Ö        |               |         |          |                 |               |              |   |                | Ä     | Ö          |          |           |          |   |           | ı         |          |          |          |
|  |            | <u> </u> | -        | <u> </u> | Н               | Н        |            | <u> </u>   | L        | _        |       |  |          |               | +       | ╄        |                 | +             | 4_           | Щ                                       |                |       |            | Ш        | Ш         | _        | 4   | _         | $\dashv$  | _        | 4        | _        |
|  | 1          |          | -        | _        | Н               | Н        |            |  | <u> </u> | -        | l     |  | 51       |               | +       | ┿        | $\vdash$        | +             | -            | Н                                       |                |       | 101        | Щ        | Н         | -        | -+  | 4         | _         |          |          | _        |
| -  | 3          | ⊢        | $\vdash$ |          | Н               | $\vdash$ |            | _  |          | -        |       |  | 52<br>53 |               | -       | ╀        | Н               | -             | -            | Н                                       |                |       | 102        | Н        |           | $\dashv$ | +   | $\dashv$  | -         | $\dashv$ | 4        | 긕        |
| -  | 4          | ┢─       | $\vdash$ | $\vdash$ | Н               |          |            | ┢  |          |          | ł     | -  | 54       |               | +-      | +        | $\vdash$        | $\dashv$      | +            | Н                                       |                |       | 103<br>104 | Н        | $\vdash$  | $\dashv$ | +   | $\dashv$  | -         | $\dashv$ | $\dashv$ | -        |
|  | 5          | $\vdash$ | $\vdash$ |          | Н               | $\dashv$ | _          | $\vdash$   | H        | _        | 1     | $\vdash$   | 55       |               | ╁       | ╁        | $\vdash$        | +-            | +            | Н                                       |                |       | 105        | Н        | $\vdash$  | $\dashv$ | +   | $\dashv$  | -         | $\dashv$ | $\dashv$ | $\dashv$ |
|  | 6          |          | _        | -        | Н               | $\Box$   |            |  | Н        |          | 1     |  | 56       | _             | +       | +        | $\vdash$        | +             | +            | $\vdash$                                |                |       | 106        | Н        | $\vdash$  | $\dashv$ | +   | -         | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ |
|  | 7          | _        |          |          | П               |          |            |  | П        |          |       |  | 57       |               | $\top$  | T        | $\vdash$        |               | +            | Ħ                                       |                |       | 107        |          |           | _        | 十   | $\dashv$  | $\dashv$  | $\dashv$ | +        | ㅓ        |
|  | 8          |          |          |          | П               |          |            |  |          |          | 1     |  | 58       |               | $\top$  | 1        | П               | $\neg \vdash$ | $\top$       | П                                       |                |       | 108        | П        | $\Box$    | 十        | $\top$  | $\dashv$  | $\neg$    | _        | 寸        | ヿ        |
|  | 9          |          |          |          |                 |          |            |  |          |          |       |  | 59       |               |         |          | П               |               | 1            | П                                       |                |       | 109        | П        |           | 寸        | 寸   |           | ヿ         |          |          | ┪        |
|  | 10         |          |          |          |                 |          |            |  |          |          |       |  | 60       |               |         |          |                 |               |              |   |                |       | 110        |          |           | $\Box$   | T   |           | 寸         | ı        | T        | コ        |
|  | 11         |          |          |          | Ш               |          |            |  |          |          |       |  | 61       |               |         |          |                 |               |              |   |                |       | 111        |          |           |          |   |           |           |          |          |          |
| <u> </u>   | 12         | <u> </u> | _        | <u> </u> | Ш               | $\sqcup$ |            | <u> </u>   | Ш        |          |       |  | 62       |               | $\perp$ |          | $\Box$          |               | 1            | Ш                                       |                |       | 112        |          | $\square$ |          | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |           | $\Box$    |          |          | $\Box$   |
|  | 13         | L        | _        | <u> </u> |                 | $\sqcup$ | _          | <u> </u>   | Ш        |          |       | L  | 63       |               | $\perp$ | $\perp$  | Ш               | $\perp$       | $\perp$      | Ш                                       |                |       | 113        | Ш        | $\Box$    |          | $\bot$  | $\prod$   |           | $\Box$   | $\bot$   | $\Box$   |
|  | 14         | ļ        |          | $\vdash$ |                 |          | _          | <u> </u>   | Щ        | _        |       | <b> </b>   | 64       | $\perp \perp$ | 4       | 1        | $\sqcup$        | 4             | $\bot$       | Ш                                       |                |       | 114        |          | $\Box$    |          | _   | _         |           |          | _        | $\sqcup$ |
| $\vdash$   | 15         | _        | _        | <u> </u> | $\vdash$        | $\vdash$ | -          | -  | Н        | _        |       | <u> </u>   | 65       | +             | +       | $\vdash$ | $\vdash \vdash$ | +             | +            | $\sqcup$                                |                |       | 115        | -        | $\dashv$  | _        | +   | $\dashv$  | -         | _        | _        | 4        |
| -  | 16<br>17   | =        |          | H        | $\vdash \vdash$ | $\vdash$ |            | _  | $\vdash$ | -        |       | <del>                                     </del> | 66       |               | +       | +-       | $\vdash \vdash$ | +             | +            | $\vdash$                                |                |       | 116        |          | -         | $\dashv$ | +   | 4         | _         | $\dashv$ | $\dashv$ | 4        |
| <u> </u>   | 18         | Ē        |          |          | $\vdash \vdash$ | -        | $\dashv$   | $\vdash$   | Н        |          | ł     |  | 67<br>68 | +             | +       | +        | $\vdash \vdash$ | +             | +-           | Н                                       |                | -     | 117        |          | 4         | +        | +   |           | $\dashv$  |          | $\dashv$ | 4        |
| -  | 19         | =        |          | <b>-</b> | ┝╾┥             | $\dashv$ |            | <del>                                     </del> | Н        | -        | l     | <del>                                     </del> | 69       | -             | +       | +        | $\vdash \vdash$ | +             | +            | ╁┤                                      |                |       | 118<br>119 | $\vdash$ |           |          |   | $\dashv$  | -+        | $\dashv$ |          | $\dashv$ |
|  | 20         | =        | _        | Н        | $\dashv$        | $\dashv$ | -          |  | Н        |          |       |  | 70       |               | ╁       | +        | $\vdash$        |               | +            | Н                                       |                |       | 120        | -        | $\dashv$  | -+       | +   |           | +         | -        | +        | -        |
|  | 21         |          |          | _        | $\vdash$        | $\dashv$ | $\dashv$   |  | Н        |          |       |  | 71       |               | +       | +-       | $\vdash$        | _             | +            | Н                                       |                |       | 121        |          | $\dashv$  | $\dashv$ | +   | $\dashv$  | $\dashv$  | +        | $\dashv$ | -        |
|  | 22         |          |          |          | $\vdash$        | $\dashv$ | $\neg$     |  | Н        |          |       | $\vdash$   | 72       | +             | +       | +        | $\vdash$        | +             | +            | Н                                       |                |       | 122        | $\vdash$ |           | $\dashv$ | ╅   | +         | ᆉ         | $\dashv$ | $\dashv$ | $\dashv$ |
|  | 23         | _        |          |          |                 |          |            |  | П        |          |       |  | 73       |               | $\top$  | 1-       | $\Box$          |               | <del> </del> | Н                                       |                |       | 123        |          |           |          | +   | 7         | +         | $\dashv$ | $\dashv$ | ᅥ        |
|  | 24         |          |          |          |                 |          |            |  |          |          |       |  | 74       | $\top$        | T       | 1        | $\Box$          | _             | † –          | П                                       |                |       | 124        |          | $\forall$ | $\dashv$ | $\dashv$  | _         | 7         | _        | $\dashv$ | $\dashv$ |
|  | 25         |          |          |          |                 |          |            |  |          |          |       |  | 75       |               | T       | 1        |                 |               |              | П                                       |                |       | 125        | T        | $\neg$    | 寸        | 十   | 寸         |           | $\dashv$ | $\top$   | ┪        |
|  | _26        |          |          |          |                 |          |            |  |          |          |       |  | 76       |               |         |          |                 |               |              |   |                |       | 126        |          |           | $\neg$   | $\neg$  | $\dashv$  |           | $\neg$   |          | ヿ        |
|  | 27         |          |          |          |                 | _        | _          |  |          |          |       |  | 77       |               |         |          |                 |               | L            |   |                |       | 127        |          |           |          |   |           |           |          |          |          |
|  | 28         |          |          |          | $\Box$          | $\dashv$ |            |  | Ш        |          |       |  | 78       |               | 4       |          |                 |               |              |   |                |       | 128        |          |           |          | $\perp$   |           | $\Box$    |          | $\perp$  |          |
| $\square$  | 29         |          | _        |          | $\dashv$        |          |            |  |          |          |       |  | 79       |               | 4       | Ш        |                 | $\bot$        | 4            |   |                |       | 129        |          | $\perp$   | $\perp$  | $\bot$  | _         | 4         |          | _        | _        |
|  | 30         |          |          |          |                 |          |            |  |          |          |       |  | 80       | _             | +       | 4-4      | $\dashv$        | +             | ╄            | Ш                                       |                |       | 130        |          | _         | 4        | 4   | _         |           | 4        | 4        | _        |
| $\vdash$   | 31         |          | _        |          |                 | -        | $\dashv$   |  |          |          |       |  | 81       | $\dashv$      | +       | 4-1      | $\dashv$        | +             | ╄-           | Ш                                       |                |       | 131        | _        | _         | 4        | 4   | _         | _         | 4        | _        | _        |
| $\vdash \vdash \vdash$                           | 32<br>33   | $\vdash$ | -        | -        | $\dashv$        | $\dashv$ | $\dashv$   |  | $\dashv$ |          |       |  | 82<br>83 |               | +       | +        | $\vdash \vdash$ | +             | +-           | $\vdash \vdash$                         |                |       | 132        | $\dashv$ | $\dashv$  | +        | +   | 4         | $\dashv$  | $\dashv$ | $\dashv$ | 4        |
| $\vdash\vdash\vdash$                             | 34         | $\vdash$ | -        |          | $\dashv$        | $\dashv$ | $\dashv$   |  | $\dashv$ | -        |       |  | 84       | $\dashv$      | ╁       | H        | -               | +             | +-           | $\vdash \vdash$                         | :::i}          |       | 133<br>134 | -        | $\dashv$  | $\dashv$ | +   | +         | $\dashv$  | $\dashv$ | -+       | $\dashv$ |
|  | 35         |          |          |          | $\dashv$        | $\dashv$ | $\dashv$   |  | $\vdash$ |          |       |  | 85       | _             | +       | H        | -               | +             | +            | $\vdash \vdash$                         |                |       | 135        | -        | $\dashv$  |          | +   | +         | +         | $\dashv$ | +        | $\dashv$ |
|  | 36         |          |          | $\dashv$ | $\dashv$        |          | -          | $\vdash$   | $\dashv$ |          |       |  | 86       | +             | +       | $\vdash$ | +               | +             | +            | Н                                       | :::: <b> </b>  |       | 136        | $\dashv$ | $\dashv$  | +        | +   | +         | +         | $\dashv$ | +        | $\dashv$ |
|  | 37         |          | $\neg$   |          | $\neg$          | $\dashv$ | $\neg$     |  |          |          |       |  | 87       | $\neg \vdash$ |         |          |                 |               |              | H                                       |                |       | 137        | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$  | +         | $\dashv$  | 十        |          | $\dashv$ |
| 1  | 38         | 1        |          | - 2.5    |                 |          |            | IL II  | T. I     |          |       |  | 88       | 1.3           | 1       |          | X. 11           | 17            |              |   | ::::           |       | 138        | $\dashv$ | $\dashv$  | $\dashv$ | $\neg +$  | +         | $\dashv$  | -1       | _        | $\dashv$ |
|  | 39         |          |          |          |                 |          |            |  |          |          |       |  | 89       |               |         | П        |                 | İ             |              | П                                       |                |       | 139        | 寸        | $\dashv$  | $\neg$   | 1   | $\dagger$ | 寸         | $\dashv$ | $\dashv$ | $\dashv$ |
|  | 40         |          |          |          |                 |          | $\Box$     |  |          |          |       |  | 90       |               |         |          |                 |               |              |   |                |       | 140        |          | $\exists$ |          |   | $\top$    | $\exists$ | _        | 十        | ٦        |
|  | 41         | $\Box$   | [        | $\Box$   | $\Box$          | $\bot$   |            |  |          |          |       |  | 91       |               |         |          |                 |               |              |   |                |       | 141        |          |           |          |   | _         | ⇉         |          | _        | _        |
|  | 42         |          | ļ        | _        | $\perp$         | 4        | _          |  |          |          |       |  | 92       |               |         |          |                 |               |              |   |                |       | 142        |          |           | $\Box$   | $\Box$  | J         |           | $\Box$   |          |          |
|  | 43         |          | _        |          |                 | _        | _          | _  |          |          |       |  | 93       | $\perp$       |         | $\sqcup$ |                 |               | $oxed{\Box}$ | Ш                                       |                | ]     | 143        |          | $\Box$    | $\perp$  | $\Box$  | Ţ         | $\Box$    | $\Box$   | $\Box$   |          |
| $\vdash$   | 44         | _        | _        | _        |                 | 4        | 4          | _  | _        |          |       |  | 94       | . 10          |         |          |                 |               | _            | Ш                                       |                |       | 144        | [        |           |          |   | $\perp$   | $\perp$   | $\perp$  | $\perp$  | $\Box$   |
|  | 45         | $\dashv$ | -        |          |                 | $\dashv$ | $\dashv$   |  |          |          |       |  | 95       | -             | +       | $\vdash$ | 1               | -             |              | Ш                                       |                |       | 145        |          | $\dashv$  | $\perp$  | 4   | _         | _         | _        | *        | $\Box$   |
|  | 46<br>47   | $\dashv$ | -        |          |                 | $\dashv$ | $\dashv$   |  |          | _        |       |  | 96       |               | +       | $\vdash$ | -               | +             | -            | Ш                                       |                |       | 146        | -        | $\dashv$  | +        | _   | 4         | _         | $\dashv$ | $\bot$   | 4        |
|  | 47         | $\dashv$ | -        |          |                 | $\dashv$ | $\dashv$   |  | $\dashv$ | _        |       |  | 97<br>98 | $\dashv$      | +-      | $\vdash$ | $\dashv$        | +             | 1            | <u> </u>                                |                |       | 147        | $\dashv$ | -+        | +        | _   | +         |           | +        | +        | 4        |
|  | 49         | $\dashv$ | ᅱ        | -        |                 | +        | $\dashv$   | $\dashv$   |          | $\dashv$ |       |  | 99       | -             | +-      | $\vdash$ | $\dashv$        | +             | $\vdash$     | H                                       | •              |       | 148        | -        | +         | +        | +   | +         | $\dashv$  | -+       | +        | $\dashv$ |
| <del>                                     </del> | 50         | -        | $\dashv$ | $\dashv$ | $\dashv$        | +        | $\dashv$   | -  |          | -        |       |  | 100      |               | +       | $\vdash$ | +               | +             | $\vdash$     | H                                       |                |       | 149<br>150 |          | +         | $\dashv$ | -+  | +         | +         | $\dashv$ | +        | $\dashv$ |
|  |            |          |          | _        | 1               |          | 1          |  |          |          | ••••• |  | 100      |               |         | $\bot$   |                 |               |              | َ لــــــــــــــــــــــــــــــــــــ | ::::: <b>[</b> |       | 130        |          |           |          |   | L         | - 1       | - 1      | - 1      | - 1      |